

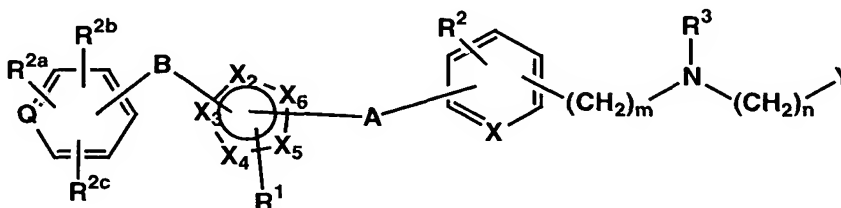
SUBSTITUTED HETEROCYCLIC DERIVATIVES USEFUL AS  
ANTIDIABETIC AND ANTI OBESITY AGENTS AND METHOD

Abstract of the Disclosure

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Compounds are provided which are useful as antidiabetic agents and antiobesity agents and have the structure

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wherein m is 0, 1 or 2; n is 0, 1 or 2;

Q is C or N;

A is  $(\text{CH}_2)_x$  where x is 1 to 5, or A is  $(\text{CH}_2)_{x^1}$  where  $x^1$  is 1 to 5 with an alkenyl bond or an alkynyl bond embedded anywhere in the chain, or A is  $-(\text{CH}_2)_{x^2}-\text{O}-(\text{CH}_2)_{x^3}-$  where  $x^2$  is 0 to 5 and  $x^3$  is 0 to 5, provided that at least one of  $x^2$  and  $x^3$  is other than 0;

B is a bond or is  $(\text{CH}_2)_{x^4}$  where  $x^4$  is 1 to 5;

X is CH or N;

$X_2$  is C, N, O or S;

$X_3$  is C, N, O or S;

$X_4$  is C, N, O or S;

$X_5$  is C, N, O or S;

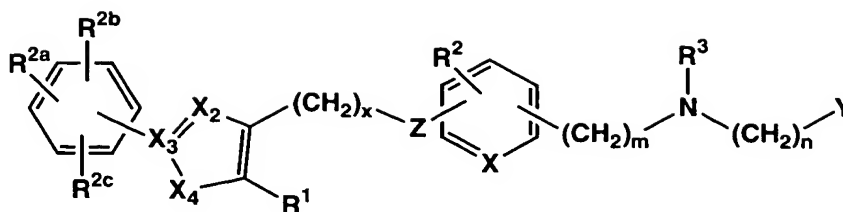
$X_6$  is C, N, O or S;

provided that at least one of  $X_2$ ,  $X_3$ ,  $X_4$ ,  $X_5$  and  $X_6$  is N;

and at least one of  $X_2$ ,  $X_3$ ,  $X_4$ ,  $X_5$  and  $X_6$  is C,

and specifically excluding the structure(s) as shown below:

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where  $X_2 = N$ ,  $X_3 = C$ ,  $X_4 = O$  or  $S$ ,  $Z = O$  or a bond

$R^1$  is H or alkyl;

$R^2$  is H, alkyl, alkoxy, halogen, amino or

5 substituted amino or cyano;

$R^{2a}$ ,  $R^{2b}$  and  $R^{2c}$  may be the same or different and  
are selected from H, alkyl, alkoxy, halogen, amino or  
substituted amino or cyano; and  $R^3$  and Y are as defined  
herein, which compounds are useful in treating diabetes  
10 and obesity.